

FIG. 1A

CGGACATGGTGTGAAGAGTCTATTGAGCTAGTTGGTAGTCTCTCCGGCCCCCTGAATGCCGGC										Majority
	130	140	150	160	170	180				
410	T						Cox A9 FL D00627.SEQ			
414	T		C				Cox A16 FL U05876.SEQ			
412	T	A		C			Cox A21 FL D00538.SEQ			
410	T	A	G		C		Cox A24 FL D90457.SEQ			
185	T		C		A		Cox B1 5' S76767			
408	A		C				Cox B1 FL M16560.SEQ			
267	T						Cox B2 5' Y09512			
410	T						Cox B2 FL AF081485.SEQ			
327	A		C				Cox B3 5' AF169665			
321	A		C		T		Cox B3 5' AF169670			
327	A		C				Cox B3 5' AH006164			
409	A		C				Cox B3 5' M74567			
407	A		C				Cox B3 FL M16572.SEQ			
408	A		C				Cox B3 FL M33854.SEQ			
409	A		C				Cox B3 FL M88483.SEQ			
409	A		C				Cox B3 FL U57056.SEQ			
410	A		C				Cox B4 FL D00149.SEQ			
410	A		C				Cox B4 FL X05690.SEQ			
410	T						Cox B5 FL AF114383.SEQ			
410	A		C				Cox B5 FL X67706.SEQ			
410	T		C				Cox B6 FL AF039205.SEQ			
410	T	A		A			Cox B6 FL AF105342.SEQ			
409	T	C		A			Cox B6 FL AF114384.SEQ			
1	-	-	-	-	-	-	ECHO 2 5' U11707			
1	-	-	-	-	-	-	ECHO 4 5' U11708			
324	T		C				ECHO 5 5' AF188358			
324	T		C		T		ECHO 5 5' AF188359			
410	T		C				ECHO 5 FL AF083069.SEQ			
1	-	-	-	-	-	-	ECHO 6 5' U11709		A	
408	T		C				ECHO 6 FL U16283.SEQ			
1	-	-	-	-	-	-	ECHO 6 FL U16283.SEQ			
1	-	-	-	-	-	-	ECHO 9 5' U11710			
407	-	C			GT		ECHO 9 FL X84981.SEQ			
408	T				AT		ECHO 9 FL X92886.SEQ		A	
1	-	-	-	-	-	-	ECHO 11 5' U11705		T	
411	-	C					ECHO 11 FL X80059.SEQ		T	
1	-	-	-	-	-	-	ECHO 12 5' U11706			
408	T		CG				ECHO 12 FL X77708.SEQ			
408	T		CG				ECHO 12 FL X79047.SEQ			
300	-	-	-	-	-	-	ECHO 30 5' S76768			
300	-	-	-	-	-	-	ECHO 30 5' S76769			
411	C						ECHO 30 FL AF162711.SEQ			
408	T	A		C			ENT 70 FL D00820.SEQ			
406	T	A	G				Polio 1 FL AJ32360.SEQ			
406	T	A	A				Polio 1 FL AJ32361.SEQ			
402	T	A	A				Polio 1 FL V01148.SEQ			
405	T	A	A				Polio 1 FL V01149.SEQ			
405	T	A	A				Polio 1 FL V01150.SEQ			
409	T	A	A				Polio 2 FL M12197.SEQ			
405	T	A	A				Polio 2 FL X00595.SEQ			
408	T	A	G				Polio 3 FL K01392.SEQ			
410	T	A	A				Polio 3 FL X00596.SEQ			
408	T	A	G				Polio 3 FL X00925.SEQ			
408	T	A					Polio 3 FL X04468.SEQ			

FIG. 1B

T A A T C C T A A C T G C G G A G C A G G T A C C - C A C A A A C C A G T G G G T A G C C T G T C G T A C A C G G C A A Majority									
190	200	210	220	230	240				
C	C	T	G	C	Cox A9 FL D00627.SEQ				
					Cox A16 FL U05976.SEQ				
					Cox A21 FL D00538.SEQ				
					Cox A24 FL D90457.SEQ				
					Cox B1 5' S76767				
					Cox B1 FL M16560.SEQ				
					Cox B2 5' Y09512				
					Cox B2 FL AF081485.SEQ				
					Cox B3 5' AF169665				
					Cox B3 5' AF169670				
					Cox B3 5' AH008164				
					Cox B3 5' M74567				
					Cox B3 FL M16572.SEQ				
					Cox B3 FL M33854.SEQ				
					Cox B3 FL M88493.SEQ				
					Cox B3 FL U57056.SEQ				
					Cox B4 FL D00149.SEQ				
					Cox B4 FL X05690.SEQ				
					Cox B5 FL AF114383.SEQ				
					Cox B5 FL X67706.SEQ				
					Cox B6 FL AF039205.SEQ				
					Cox B6 FL AF105342.SEQ				
					Cox B6 FL AF114384.SEQ				
					ECHO 2 5' U11707				
					ECHO 4 5' U11708				
					ECHO 5 5' AF188358				
					ECHO 5 5' AF188359				
					ECHO 5 FL AF083069.SEQ				
					ECHO 6 5' U11709				
					ECHO 6 FL U16283.SEQ				
					ECHO 9 5' U11710				
					ECHO 9 FL X84981.SEQ				
					ECHO 9 FL X92886.SEQ				
					ECHO 11 5' U11705				
					ECHO 11 FL X80059.SEQ				
					ECHO 12 5' U11706				
					ECHO 12 FL X77708.SEQ				
					ECHO 12 FL X79047.SEQ				
					ECHO 30 5' S76768				
					ECHO 30 5' S76769				
					ECHO 30 FL AF162711.SEQ				
					ENT 70 FL D00820.SEQ				
					Polio 1 FL AJ32960.SEQ				
					Polio 1 FL AJ32961.SEQ				
					Polio 1 FL V01148.SEQ				
					Polio 1 FL V01149.SEQ				
					Polio 1 FL V01150.SEQ				
					Polio 2 FL M12197.SEQ				
					Polio 2 FL X00595.SEQ				
					Polio 3 FL K01392.SEQ				
					Polio 3 FL X00596.SEQ				
					Polio 3 FL X00925.SEQ				
					Polio 3 FL X04468.SEQ				

FIG. 1C

CTCTG C A G C G G A A C C G A C T A C T T T G G G T G T C C G T G T T T C C T T T A T T C T T A T A C T G G C T G																				Majority				
250																				260	270	280	290	300
529	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox A9 FL D00627.SEQ
530	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox A16 FL U05076.SEQ
531	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox A21 FL D00538.SEQ
532	G	.	T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox A24 FL P90457.SEQ
533	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B1 5' S76767
534	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B1 FL M16560.SEQ
535	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B2 5' Y09512
536	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B2 FL AF081485.SEQ
537	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 5' AF169665
538	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 5' AF169670
539	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 5' AH008164
540	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 5' M74567
541	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 FL M16572.SEQ
542	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 FL M33854.SEQ
543	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 FL M89483.SEQ
544	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B3 FL U57056.SEQ
545	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B4 FL D00149.SEQ
546	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B4 FL X05690.SEQ
547	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B4 FL AF114383.SEQ
548	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B5 FL X67706.SEQ
549	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B6 FL AF039205.SEQ
550	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B6 FL AF105342.SEQ
551	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Cox B6 FL AF114384.SEQ
552	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 2 5' U11707
553	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 4 5' U11708
554	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 5 5' AF188358
555	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 5 5' AF188359
556	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 5 FL AF083069.SEQ
557	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 6 5' U11709
558	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 6 FL U16283.SEQ
559	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 9 5' U11710
560	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 9 FL X84981.SEQ
561	C	.	C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 9 FL X92886.SEQ
562	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 11 5' U11705
563	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 11 FL X80059.SEQ
564	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 12 5' U11706
565	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 12 FL X7708.SEQ
566	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 12 FL X79047.SEQ
567	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 12 FL X79047.SEQ
568	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 30 5' S76768
569	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 30 5' S76769
570	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 30 FL AF162711.SEQ
571	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ECHO 30 FL D00820.SEQ
572	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	ENT 70 FL D00820.SEQ
573	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 1 FL AJ132960.SEQ
574	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 1 FL AJ132961.SEQ
575	G	.	T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 1 FL V01148.SEQ
576	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 1 FL V01148.SEQ
577	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 1 FL V01149.SEQ
578	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 1 FL V01150.SEQ
579	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 1 FL V01150.SEQ
580	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 2 FL W12197.SEQ
581	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 2 FL W12197.SEQ
582	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 2 FL X00595.SEQ
583	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL K01392.SEQ
584	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X00596.SEQ
585	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X00596.SEQ
586	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X00925.SEQ
587	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X00925.SEQ
588	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
589	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
590	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
591	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
592	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
593	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
594	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
595	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
596	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
597	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
598	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
599	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
600	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
601	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
602	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
603	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
604	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
605	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
606	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
607	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
608	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
609	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
610	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
611	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
612	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
613	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
614	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
615	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
616	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
617	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
618	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
619	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
620	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
621	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
622	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
623	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
624	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
625	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
626	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
627	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
628	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
629	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
630	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
631	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
632	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
633	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
634	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
635	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
636	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
637	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
638	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
639	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
640	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ
641	G	.	C T G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Polio 3 FL X04468.SEQ</

FIG. 1D

CTTATGGTGACAATTGAGAGATTGTTACCATATAGCTA-TTGGATTGGCCATCCGGTGAC Majority									
310	320	330	340	350	360				
593						Cox A9 FL D00627.SEQ			G
593						Cox A16 FL U05876.SEQ			TG
592						Cox A21 FL D00538.SEQ			CT
591						Cox A24 FL D90457.SEQ			G
362						Cox B1 5' S76767			
597						Cox B1 FL M16560.SEQ			
385						Cox B2 5' Y09512			
588						Cox B2 FL AF081485.SEQ			AT
506						Cox B3 5' AF169665			T
500						Cox B3 5' AF169670			
506						Cox B3 5' AH008164			T
588						Cox B3 5' M74567			
586						Cox B3 FL M16572.SEQ			
587						Cox B3 FL M33854.SEQ			
588						Cox B3 FL M88483.SEQ			
588						Cox B3 FL U57056.SEQ			T
589						Cox B4 FL D00149.SEQ			T
589						Cox B4 FL X05690.SEQ			T
588						Cox B5 FL AF114383.SEQ			AT
589						Cox B5 FL X67706.SEQ			T
589						Cox B6 FL AE03205.SEQ			
588						Cox B6 FL AF105342.SEQ			
140						Cox B6 FL AF114384.SEQ			
140						ECHO 2 5' U11707			
496						ECHO 4 5' U11708			
496						ECHO 5 5' AF188358			
588						ECHO 5 5' AF188359			
140						ECHO 5 FL AF083069.SEQ			
587						ECHO 6 5' U11709			G
140						ECHO 6 FL U16283.SEQ			G
585						ECHO 9 5' U11710			T
586						ECHO 9 FL X84981.SEQ			T
140						ECHO 9 FL X92886.SEQ			T
590						ECHO 11 5' U11705			G
140						ECHO 11 FL X80059.SEQ			G
587						ECHO 12 5' U11706			
405						ECHO 12 FL X77708.SEQ			
404						ECHO 12 FL X79047.SEQ			
590						ECHO 30 5' S76768			
587						ECHO 30 5' S76769			
587						ECHO 30 FL AF162711.SEQ			
584						ENT 70 FL D00820.SEQ			T
584						Polio 1 FL AJ132960.SEQ			T
581						Polio 1 FL AJ132961.SEQ			T
583						Polio 1 FL V01148.SEQ			A
588						Polio 1 FL V01149.SEQ			A
584						Polio 1 FL V01150.SEQ			A
586						Polio 2 FL M12197.SEQ			G
586						Polio 2 FL X00595.SEQ			G
588						Polio 3 FL K01392.SEQ			TG
586						Polio 3 FL X00596.SEQ			TG
587						Polio 3 FL X00925.SEQ			TG
						Polio 3 FL X04468.SEQ			A

FIG. 2

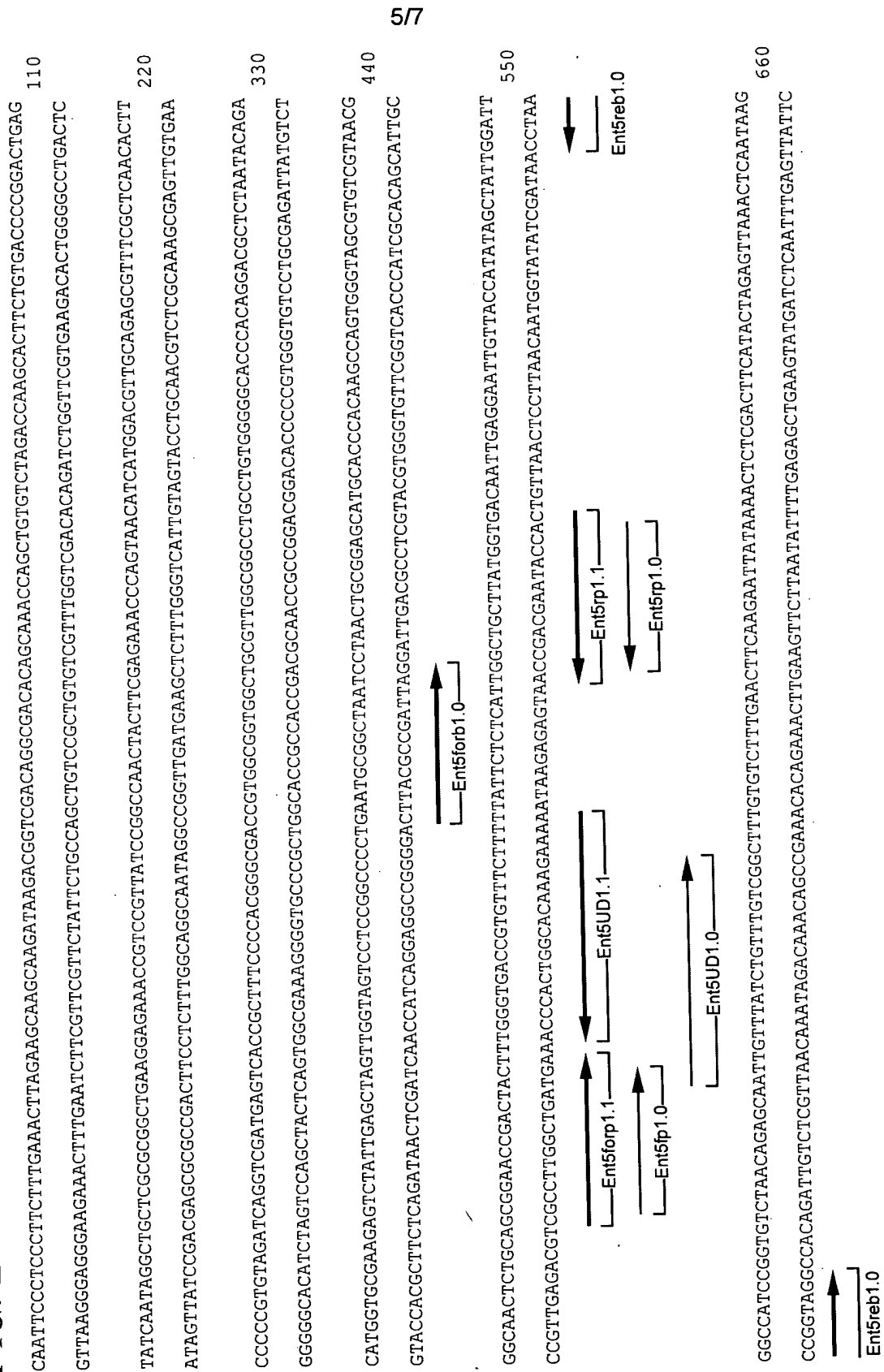


FIG. 3 Limit of Detection Study for Cloned *Enterovirus* cDNA

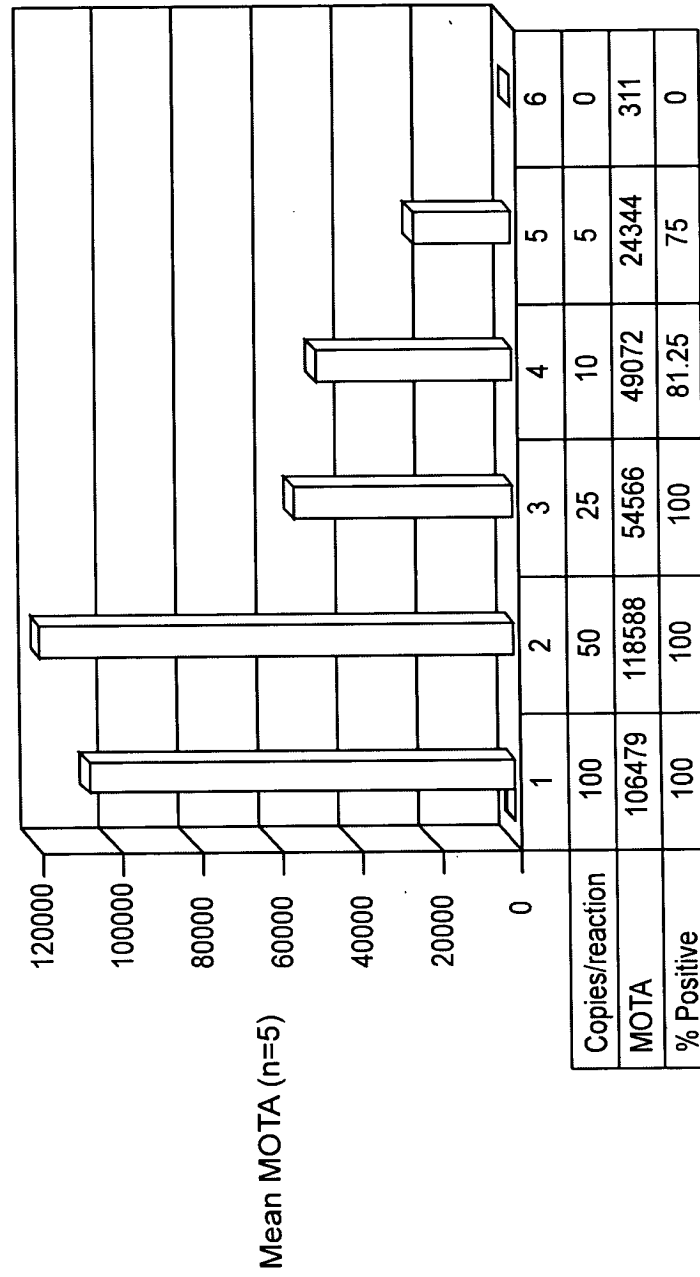


FIG. 4 Titration of Cloned Enterovirus Target RNA

